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Attention: Editor

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PRESS RELEASE



Not to Be Sidelined, EcoShield® VpCI®-380 Offers Attractive Option for Painting Railcars and More!

Cortec® Corporation is pleased to remind industrial painters of the powerful but often overlooked benefits of EcoShield® VpCI®-380 topcoat for good corrosion protection and weatherability on metals in harsh outdoor environments. Whether for coating railcars, structural steel, or assembly line parts, EcoShield® VpCI®-380 is an outstanding water-based outdoor protective coatings option from Cortec's portfolio of Micro-Corrosion Inhibiting Coatings™.



As a water-based fluoropolymer modified acrylic one-coat system, EcoShield® VpCI®-380 has many special advantages for protection in challenging environments. With excellent UV resistance (color and gloss

retention), it gives optimal outdoor performance without cracking or chipping upon prolonged exposure to sunlight. Its hardness (H-2H Pencil Hardness), moisture resistance, and fast-dry properties make it an excellent choice for air-dry/force-dry industrial finishes. EcoShield® VpCI®-380 also exhibits good corrosion protection, having passed more than 1,000 hours in ASTM B117 salt spray conditions and ASTM D1748 humidity conditions at 4.0-4.5 mils (100-112.5 µm) DFT.



EcoShield® VpCI®-380 can be applied direct to metal (DTM) on carbon steel and top-coated over a wash primer (e.g., VpCI®-373 Green) on stainless steel, galvanized steel, and aluminum. It shows excellent 5B adhesion and even adheres well to some engineered plastics for greater versatility. It is thixotropic and

exhibits alkyd-like gloss, flow, and leveling properties with good resistance to sag. It can be tinted to most custom colors and has a VOC of 1.6 lbs/gal (192 g/L).

The possible applications for EcoShield® VpCI®-380 are endless. Originally designed for the railcar industry, the most obvious use of EcoShield® VpCI®-380 is to coat railcars or shipping containers for protection against corrosion and the elements. However, it also makes an excellent choice for mass-produced parts needing to be force-dried with a high durability, high gloss coating for outdoor use. Structural steel, tanks, and any other metal equipment that will sit exposed to harsh conditions outdoors are good candidates, as well—particularly for anyone desiring a water-based, Micro-Corrosion Inhibiting Coatings™ alternative to solvent-based, zinc rich coatings. Those in the following industrial painting markets should especially take note:

- Railways
- Refineries
- Power plants
- OEMs
- Heavy equipment users
- Outdoor storage yards



Whether industries need a protective coating that adheres well to a metal roof, that does not sag on the side of a railcar, or that resists cracking on equipment stored outdoors, EcoShield® VpCI®-380 is an outstanding water-based Micro-Corrosion Inhibiting Coatings™ option for good weatherability and corrosion protection in harsh outdoor environments. Be sure to take advantage of this coating for your next outdoor metals painting project and learn more here:

[https://www.cortecoatings.com/product/ecoshield-386-water-based-fluoropolymer-topcoat/!](https://www.cortecoatings.com/product/ecoshield-386-water-based-fluoropolymer-topcoat/)

Contact Cortec® directly for further assistance selecting the right coating for your application:

<https://www.cortecoatings.com/contact-us-2/>

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www.cortecadvertising.com

Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified. Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122

CORTEC CORPORATION
CORROSION CONTROL TECHNOLOGIES

EcoShield® VpCI®-380 Water Based Fluoropolymer Topcoat

DESCRIPTION
EcoShield VpCI-380 is a water-based, acrylic resin-based, micro-corrosion inhibiting topcoat. It is designed for use on a wide variety of metal surfaces. It provides excellent corrosion protection and is suitable for use on a wide variety of metal surfaces. It is a water-based, acrylic resin-based, micro-corrosion inhibiting topcoat. It is designed for use on a wide variety of metal surfaces. It provides excellent corrosion protection and is suitable for use on a wide variety of metal surfaces.

PROPERTIES & STORAGE
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CONTACT INFORMATION

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Website	www.cortecvci.com
Product Name	EcoShield VpCI-380 Water Based Fluoropolymer Topcoat
Product Description	Water-based, acrylic resin-based, micro-corrosion inhibiting topcoat.
Product Code	380
Product Weight	1.0000000000000000
Product Volume	1.0000000000000000
Product Length	1.0000000000000000
Product Width	1.0000000000000000
Product Height	1.0000000000000000
Product Material	Acrylic Resin
Product Color	White
Product Finish	Matte
Product Application	Brush, Roll, Spray
Product Storage	Store in a cool, dry place.
Product Shelf Life	12 months